

MEMORANDUM

DEPARTMENT OF TRANSPORTATION

Division of Transportation Development
4201 East Arkansas Avenue
Denver, Colorado 80222
(303) 757-9011



DATE: October 5, 2012

TO: Long Range Transportation Plan Committee

FROM: Debra Perkins-Smith, Director, DTD

SUBJECT: Performance Based Planning and Programming

Last month we provided you with a memo on the provisions included in MAP-21 related to performance based planning and programming (PBPP). Since the committee is not meeting in October, staff has prepared an overview paper for your review with additional information on the PBPP concept and process.

This paper explains the steps and elements typically included in a PBPP process along with a couple of examples from other agency practices. It also lists the national goals and measures set by Congress within MAP-21, as well as the requirement for State DOT's and MPO's to coordinate on setting targets for each measure.

DTD staff are working on metrics for addressing these measures and are involved with national committee efforts focused on collaboration and contribution to the federal rulemaking process for MAP-21. The asset management committee is working on approaches for addressing condition for pavement and bridge along with other assets. CDOT staff work in other areas such as safety, ITS and transit will also need to be integrated into the SW Plan goals, measures and targets.

We will be using the principles outlined in this overview paper in November and December as we work on development of the Policy Directive 14 which articulates CDOT planning principles as well as the performance goals and objectives for asset condition and system performance.

The principles, steps and products cited in this paper will be utilized by CDOT as we develop the next Statewide Plan. Staff will be working with the Commission to put forth policies and goals that not only respond to the new requirements in MAP-21, but that also serves to guide investment decisions and project selection processes for the next Plan and STIP.

As articulated in the enclosed paper, the following activities are identified as key to a successful process:

- Setting vision, goals, and objectives to guide all planning efforts.
- Deriving performance measures that capture the fundamental outcomes of the agency's goals and objectives.
- Identifying strategies that are consistent with those identified in other planning efforts, including the CMP, SHSP, and other required and voluntary planning efforts (corridor plans, modal plans, and others).
- Evaluating and prioritizing packages of strategies through trade-off or scenario analysis.
- Using the results of the scenario analysis to guide setting resource constrained targets or trends for these measures and to develop preferred program investment levels as part of a long range transportation plan for the State or region covered by the plan.
- Conducting resource allocation exercises that translate an overall investment plan into a specific set of projects for a short range S/TIP.
- Project delivery and system operations that provide feedback into the planning process and provide data and information for performance measurement.
- Ongoing coordination and collaboration with stakeholders and the public throughout the process.
- Data and tools used to support all aspects of planning, including the evaluation of strategies, development of targets, and allocation of resources to specific projects.